CONSTRUCTION EQUIPMENT SPM634946-10 VOLVO L90H 625175 - DIESEL ENGINE

 Sample No:
 VCP422304

 Oil Type:
 DIESEL ENGINE OIL SAE 40

 Job No:
 SPM634946-10

VOLVO

## SAMPLE INFORMATION VCP422304 Sample Number Sample Date 01 Dec 2023 Machine Hours 17397 Oil Hours 0 Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.7 Base Number (BN) mg KOH/g 6.3 Oxidation (PA) 76 %

CONTAN	MINATION			
Water	%	NEG	 	
Soot %	%	0.9	 	
Nitration (PA)	%	93	 	
Sulfation (PA)	%	71	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	3	 	
Potassium	ppm	3	 	

WEAR METAL

WLAK M	ICTALS			
Iron	ppm	23	 	
Copper	ppm	2	 	
Lead	ppm	2	 	
Tin	ppm	□ <1	 	
Aluminum	ppm	9	 	
Chromium	ppm	<b>1</b>	 	
Molybdenum	ppm	<b>44</b>	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	<b>18</b>	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	

ADDITIVES							
Calcium	ppm	<b>1739</b>					
Magnesium	ppm	<b>473</b>					
Zinc	ppm	<b>1302</b>					
Phosphorus	ppm	<b>1029</b>					
Barium	ppm	0					
Boron	ppm	20					



OLD CASTLE LAWN & GARDEN 1963 SW 351 HWY

CROSS CITY, FL US 32628 Contact: SERVICE MANAGER

T: (352)498-7127 F:

## Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 OLDCRO

 Unique No:
 10776804

 Signed:
 Wes Davis

 Report Date:
 07 Dec 2023

Report Id: OLDCRO [WUSCAR] 06027013 (Generated: 12/07/2023 18:32:52) Rev: 1

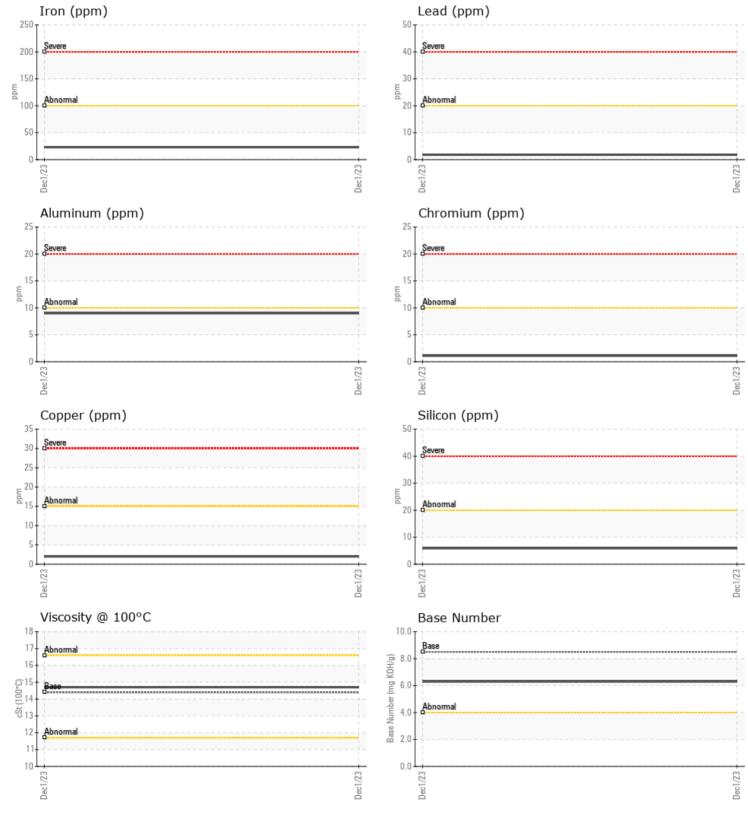
Contact/Location: SERVICE MANAGER ? - OLDCRO

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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